

Figure 2

Summary of Alternate UHF Channel Search for WMDO-LP

| Ch. | Station Eliminating Use of Channel | | Dist. (km) | Azim. (°T) | Reason for Channel Elimination/Notes |
|-------|----------------------------------------------|----------|---------------|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|
| | Call/Location | | | | |
| 14 | WTMW, Ch. 14, Arlington, VA (CP) | 1 | 64 | | Co-channel NTSC Station |
| 15-16 | DTV-WTMW, Ch. 15, Arlington, VA | 1 | 64 | | Co/1 st adj. Ch. DTV allotment for WTMW |
| | Ch. 17, LMRS, Washington, DC | 8 | 121 | | 1 st adj. Land Mobile Channel |
| 17-19 | Chs. 17, 18, LMRS, Washington, DC | 8 | 121 | | Co/1 st adj. Land Mobile Channel |
| 20-21 | WDCA, Ch. 20, Washington, DC | 3 | 341 | | Co/1 st adj. NTSC Station |
| 22-23 | WMPT, Ch. 22, Annapolis, MD | 43 | 79 | | Co/1 st adj. Ch. NTSC Station |
| 24-25 | WHSW, Ch. 24, Baltimore, MD | 49 | 36 | | Co/1 st adj. Ch. NTSC Station |
| 26-27 | WETA-TV, Ch. 26, Washington, DC | 3 | 341 | | Co/1 st adj. Ch. NTSC Station |
| 28 | W63BO, Washington, DC (App.) | 1 | 64 | | Co-channel NTSC LPTV Station Application |
| | DTV-WETA, Ch. 27, Washington, DC | 3 | 341 | | 1 st adj. Ch. DTV allotment for WETA |
| | DTV-WPFT, Ch. 28, Frederick, MD | 46 | 332 | | Co-ch. DTV Allotment for WPFT |
| 29 | WTMW, Ch. 14, Arlington, VA | 1 | 64 | | 15 channels below desired channel (taboo) |
| 30 | LPTV App., Ch. 30, Manassas, VA | 37 | 245 | | Co-channel NTSC Station |
| | Proposed LMRS, Ch. 30, Washington, DC | 8 | 121 | | Proposed Co-Ch. Land Mobile Channel (Doc. 85-172) |
| 31 | Proposed LMRS, Ch. 30, Washington, DC | 8 | 121 | | Proposed 1st adj. Land Mobile Channel (Doc. 85-72) |
| | WHMM, Ch. 32, Washington, DC | 3 | 341 | | 1st adj. Ch. NTSC Station |
| 32 | WHMM, Ch. 32, Washington, DC | 3 | 341 | | Co-channel NTSC Station |
| 33 | DTV-WHMM, Ch. 33, Washington, DC | 3 | 341 | | Co-channel DTV allotment for WHMM |
| 34 | DTV-WUSA, Ch. 34, Washington, DC | 2 | 35 | | Co-channel DTV Allotment for WUSA |
| 35 | Prop. LMRS, Chs. 35-36, Washington, DC | 8 | 121 | | Proposed Co-Ch. Land Mobile Channel (Doc. 85-172) |
| | DTV-WDCA, Ch. 35, Washington, DC | 3 | 341 | | Co-channel DTV Allotment for WDCA |
| 36 | Prop. LMRS, Chs. 35-36, Washington, DC | 8 | 121 | | Proposed Co-Ch. Land Mobile Channel (Doc. 85-172) |
| | DTV-WVVI, Ch. 36, Manassas, VA | 26 | 231 | | Co-ch. DTV Allotment for WVVI |
| 37 | Reserved for Radio Astronomy | - | - | | - |
| 38 | DTV-WJZ, Ch. 38, Baltimore, MD | 58 | 40 | | Co-channel DTV Allotment for WJZ |
| 39 | Proposed LMRS, Ch. 39, Washington, DC | 8 | 121 | | Proposed Co-Ch. Land Mobile Channel (Doc. 85-172) |
| | DTV-WJLA, Ch. 39, Washington, DC | 2 | 34 | | Co-channel DTV Allotment for WJLA |
| 40 | DTV-WNUV, Ch. 40, Baltimore, MD | 48 | 36 | | Co-channel DTV Allotment for WNUV |
| 41 | DTV-WNUV, Ch. 40, Baltimore, MD | 48 | 36 | | 1 st adj. Ch. DTV Allotment |
| | WETA, Ch. 26, Washington, DC | 3 | 341 | | 15 channels below desired channel (taboo) |
| | WSIT-LP, Ch. 42, Washington, DC | 2 | 90 | | 1 st adj. Ch. NTSC LPTV Station |
| 42 | WSIT-LP, Washington, DC | 2 | 90 | | Co-ch. NTSC LPTV Station |
| 43 | WBDC, Ch. 50, Washington, DC | 6 | 63 | | 7 channels below desired channel (taboo) |
| 44-46 | WBFF, Ch. 45, Baltimore, MD | 59 | 41 | | 1 st adj. Channel NTSC Station |
| 47 | DTV-WRC, Ch. 48, Washington, DC | 1 | 64 | | 1 st adj. Ch. DTV allotment for WRC |
| | WNUV, Ch. 54, Baltimore, MD | 48 | 36 | | 15 channels below desired channel (taboo) |
| 48 | DTV-WRC, Ch. 48, Washington, DC | 1 | 64 | | Co-channel Ch. DTV allotment for WRC |
| 49 | DTV-WRC, Ch. 48, Washington, DC | 1 | 64 | | 1 st adj. Ch. DTV allotment for WRC |
| | WBDC, Ch. 50, Washington, DC | 6 | 63 | | 1 st adj. Ch. NTSC Station |
| 50 | WBDC, Ch. 50, Washington, DC | 6 | 63 | | Co-ch. NTSC Station |
| 51 | DTV-WBDC, Ch. 51, Washington, DC | 6 | 63 | | Co-ch. DTV Allotment for WBDC |
| 52 | DTV-WMAR, Ch. 52, Baltimore, MD | 59 | 40 | | Co-ch. DTV allotment for WMAR |
| 53 | WNVV, Ch. 53, Goldvein, VA | 45 | 221 | | Co-ch. NTSC Station |
| 54-55 | WNUV, Ch. 54, Baltimore, MD | 48 | 36 | | Co/1 st adj. Ch. NTSC Station |
| 56-57 | WNVV, Ch. 56, Fairfax, VA | 13 | 239 | | Co/1 st adj. Ch. NTSC Station |
| 58 | WIAV-LP, Ch. 58, Washington, DC | 19 | 71 | | Co-ch. NTSC LPTV Station |
| 59 | DTV-WBAL, Ch. 59, Baltimore, MD | 58 | 40 | | Co-ch. DTV Allotment for WBAL |
| 60 | WBFF, Ch. 45, Baltimore, MD | 59 | 40 | | 15 channels below desired channel (taboo) |
| | WSHE, Ch. 60, Martinsburg, WV (CP) | 102 | 305 | | Co-ch. NTSC Station |
| | WMPB, Ch. 67, Baltimore, MD | 63 | 25 | | 7 channels above desired channel (taboo) |
| 61 | W61BY, Ch. 61, Annapolis, MD | 51 | 86 | | Co-ch. NTSC LPTV Station (CP Cancelled 12-11-95; Petition for Recon. 1-11-96) |
| | WFPT, Ch. 62, Frederick, MD | 46 | 332 | | 1 st adj. Ch. NTSC Station |
| 62 | WFPT, Ch. 62, Frederick, MD | 46 | 332 | | Co-ch. NTSC station |
| 63 | WFPT, Ch. 62, Frederick, MD | 46 | 332 | | 1 st adj. Ch. NTSC Station |
| | W61BP, Ch. 63, Annapolis, MD | 51 | 86 | | Co-ch. NTSC LPTV Station (CP Cancelled 12-11-95; Petition for Recon. 1-11-96) |
| 64 | WZGS-LP, Ch. 64, Washington, DC | 6 | 63 | | Co-Ch. NTSC LPTV Station |
| 65-67 | WVVI, Ch. 66, Manassas, VA | 26 | 231 | | Co/1 st adj. Ch. NTSC Station |
| 68 | WNVV, Ch. 53, Goldvein, VA | 46 | 221 | | 15 channels below desired channel (taboo) |
| | WMPB, Ch. 67, Baltimore, MD | 63 | 25 | | 1 st adj. Ch. NSTC Station |
| 69 | WNUV, Ch. 54, Baltimore, MD | 48 | 36 | | 15 channels below desired channel (taboo) |
| | App., Ch. 69, Fredericksburg, VA | 84 | 211 | | Co-ch. NTSC Station Application (request a waiver of TV freeze). (Note: This is the only "alternate" available DTV allotment indicated by MSTV.) |

TABULATION OF DTV ALLOTMENTS IN THE WASHINGTON, DC AREA

| Call Status | City State | FCC File No. | Channel Zone | ERP(kw) HAAT(m) | Latitude Longitude | Bearing deg-True | Distance (km) (mile) |
|-------------------|------------------|--------------|-----------------|--------------------|-----------------------|---------------------|-------------------------|
| DWTTG DTVALT | WASHINGTON DC | | 6 c I | 6.60 235 | 38-57-21 77-04-57 | 21.23 | 2.38 1.48 |
| DWTMW DTVALT | ARLINGTON VA | | 15c I | 86.30 173 | 38-56-24 77-04-54 | 63.66 | 1.05 .65 |
| DWETATV DTVALT | WASHINGTON DC | | 27c I | 64.30 233 | 38-57-49 77-06-18 | 340.71 | 3.27 2.03 |
| DWFPT DTVALT | FREDERICK MD | | 28 I | 50.00 138 | 39-17-53 77-20-35 | 331.86 | 45.68 28.39 |
| DWNVT DTVALT | GOLDVEIN VA | | 30 I | 50.00 229 | 38-37-42 77-26-20 | 221.40 | 45.51 28.28 |
| DWHMM DTVALT | WASHINGTON DC | | 33c I | 186.00 213 | 38-57-49 77-06-18 | 340.71 | 3.27 2.03 |
| DWUSA DTVALT | WASHINGTON DC | | 34 I | 1000.0 235 | 38-57-01 77-04-47 | 34.52 | 1.95 1.21 |
| DWDCA DTVALT | WASHINGTON DC | | 35 I | 221.70 235 | 38-57-49 77-06-18 | 340.71 | 3.27 2.03 |
| DWVVI DTVALT | MANASSAS VA | | 36 I | 57.30 168 | 38-47-16 77-19-49 | 231.43 | 26.38 16.40 |
| DWJLATV DTVALT | WASHINGTON DC | | 39 I | 1000.0 235 | 38-57-01 77-04-47 | 34.52 | 1.95 1.21 |
| DWNUVTV DTVALT | BALTIMORE MD | | 40 I | 134.70 349 | 39-17-15 76-45-38 | 36.11 | 48.46 30.12 |
| DWHSWTV DTVALT | BALTIMORE MD | | 41 I | 50.00 326 | 39-17-15 76-45-38 | 36.11 | 48.46 30.12 |
| DWMPT DTVALT | ANNAPOLIS MD | | 42 I | 334.50 265 | 39-00-36 76-36-33 | 78.68 | 42.69 26.53 |
| DWRCTV DTVALT | WASHINGTON DC | | 48 I | 1000.0 237 | 38-56-24 77-04-54 | 63.66 | 1.05 .65 |
| DWBDCTV DTVALT | WASHINGTON DC | | 51c I | 62.20 247 | 38-57-44 77-01-36 | 62.71 | 6.41 3.99 |
| DWNVC DTVALT | FAIRFAX VA | | 57c I | 50.00 215 | 38-52-28 77-13-24 | 238.95 | 13.24 8.23 |

** End of DTV Within Study **